

AVHR-5000 Dual Amplifier

1. Installation

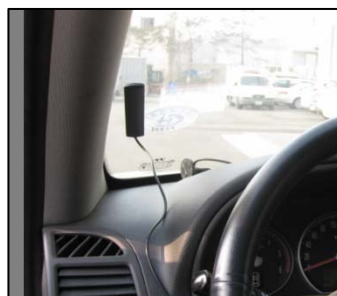
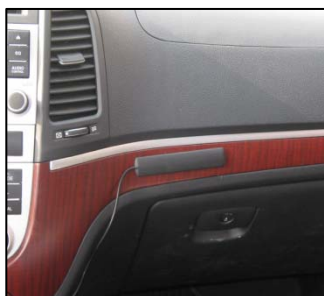
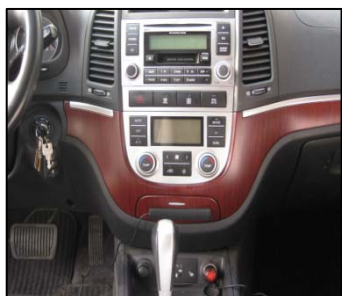
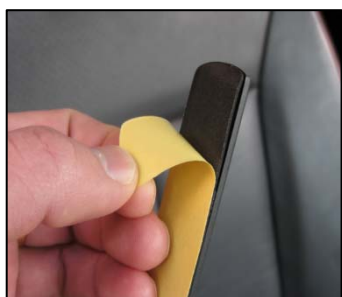
1.1 Outside Antenna Installation

- 1.1.1 Outside antenna is magnetic. So you can mount on the roof of vehicle
- 1.1.2 Outside antenna should be distance at least 5 feet from inside antenna
- 1.1.3 As showing on the picture below, suggested place to mount outside antenna is rear end of roof



1.2 Inside Antenna Installation

- 3.2.1 Inside antenna is self adhesive. You can place it wherever you want
- 3.2.2 Before installation, please remove attached paper
- 3.2.2 Recommend to mount under location shown on the picture



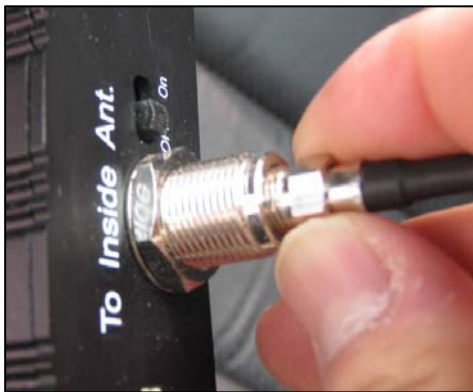
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1.3 Amplifier and Antenna Connection

1.3.1 Place the amplifier under the seat or appropriate location.



1.3.2 Connect inside antenna connector to repeater



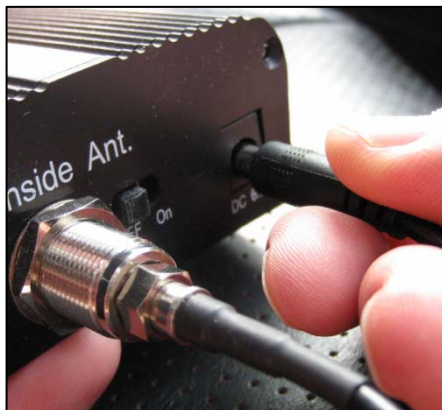
1.4 Operating Instructions

1.4.1 As the picture shown below, plug in the cigarette power code and press red button to turn on



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1.4.2 Connect DC Jack as picture down below



1.4.3 Turn on the Switch as picture down below



1.4.4 After turning on switch, green LED light will be on (Green LED means that system is normal mode)

※ Green and Red LED simultaneously blinks 3 times and then only green LED light will be on



2. Trouble Shooing

2.1 LED Alarm

Item		GREEN LED	RED LED	문제점 찾기
Setting/Resetting		ON (after 3 times blinks)	3 times blinks	See 4.1.1
Normal Mode		ON	OFF	See 4.1.2
Cellular	Overload	Blink(once)	–	See 4.1.3
	Oscillation	Blink(twice)	–	See 4.1.4
	Insufficient Isolation	Blink(3 times)	–	See 4.1.5
	Alarm Checking	Blink(Consecutively)	–	See 4.1.6
PCS	Overload	–	Blink(once)	See 4.1.3
	Oscillation	–	Blink(twice)	See 4.1.4
	Insufficient Isolation	–	Blink(3 times)	See 4.1.5
	Alarm Checking	–	Blink(Consecutively)	See 4.1.5

2.1.1 ① Check if the LED light is on, on the cigarette power code

② Verify that DC code is connected correctly

2.1.2 ① Green LED light is normal mode. If it is blinking 2–3 times in a few seconds, please see 4.1.3 ~ 4.1.6

2.1.3 ① This is normal mode that checking on input power signal and shows signal status to users.

③ It will go back to normal mode soon

2.1.4 ① There is an oscillation between inside and outside antenna.

② This status is caused by a structure around that temporarily disturbs mobile signals. Please move your vehicle to other location. LED light will turn to green

- 2.1.5 ① There is a insufficient isolation between inside and outside antenna
② While installing if LED light blinks three times, move the inside and outside antenna away and turn on/off and move antenna as needed.
③ If there was no blinking problem while set up but happens after, it could be caused by surrounding structure but that could be come back to normal if you move to different location.
- 2.1.6 ① Repeater CPU software is checking out if there are any problems such as isolation, overload or conciliation.
② On alarm checking status repeater is not operating

2.2 Insufficient Outside Signal Problem

After repeater installed, if there is insufficient outside signal around your vehicle such as uncovered signal area, you may not use your mobile phone

2.3 Vehicle Battery Discharge Problem

Verify cigarette power code LED light is on as shown below. If not, check either vehicle key is appropriately positioned or engine is on. In case of battery discharge, replace battery.

